

	Hits	Search Text	DBs	Time Stamp
1	12546	707/1-3,5,10.ccls.	US-PGPUB; USPAT	2005/01/15 12:59
2	8115	707/100,102,104.1.ccls.	US-PGPUB; USPAT	2005/01/15 12:59
3	440	708/200,422-424.ccls.	US-PGPUB; USPAT	2005/01/15 13:00
4	2888	345/418,419,427.ccls.	US-PGPUB; USPAT	2005/01/15 13:00
5	4304	382/10,154,181,190,191,209,217- 220,276-278.ccls.	US-PGPUB; USPAT	2005/01/15 13:01
6	18023	S1 or S2	US-PGPUB; USPAT	2005/02/04 07:56
7	7446	S4 or S5 or S3	US-PGPUB; USPAT	2005/02/04 07:56
8	12642	707/1-3,5,10.ccls.	US-PGPUB; USPAT	2005/01/28 08:05
9	8215	707/100,102,104.1.ccls.	US-PGPUB; USPAT	2005/01/28 08:05
10	18199	S8 or S9	US-PGPUB; USPAT	2005/01/28 08:05
11	441	708/200,422-424.ccls.	US-PGPUB; USPAT	2005/01/28 08:05
12	2906	345/418,419,427.ccls.	US-PGPUB; USPAT	2005/01/28 08:05
13	4329	382/10,154,181,190,191,209,217- 220,276-278.ccls.	US-PGPUB; USPAT	2005/01/28 08:05
14	7490	S12 or S13 or S11	US-PGPUB; USPAT	2005/01/28 08:05
15	31506	identify\$4 and (set with features) and object\$2	US-PGPUB; USPAT	2005/01/28 08:06
16	6650	identify\$4 and (set with features with object\$2)	US-PGPUB; USPAT	2005/01/28 08:07
17	332	(S10 or S14) and (identify\$4 and (set with features with object\$2))	US-PGPUB; USPAT	2005/01/28 08:08
18	124	(S10 or S14) and (identify\$4 and (set with features with object\$2) and vector\$2)	US-PGPUB; USPAT	2005/01/28 08:13
19	114	(S10 or S14) and (identify\$4 and (set with features with object\$2) and vector\$2 and generat\$4)	US-PGPUB; USPAT	2005/01/28 08:14

	Hits	Search Text	DBs	Time Stamp
20	25	(S10 or S14) and (identify\$4 and (set with features with object\$2) and vector\$2 and generat\$4 and hash\$4)	US-PGPUB; USPAT	2006/07/03 08:43
21	4	(hash\$4 with vector\$2 with coordinate\$2)	US-PGPUB; USPAT	2005/01/28 08:19
22	10	sum\$5 with hash\$4 with vector\$2	US-PGPUB; USPAT	2006/07/03 08:47
23	12362	-bit with representation	US-PGPUB; USPAT	2005/01/28 08:23
24	3488	-bit with representation and vector\$2	US-PGPUB; USPAT	2005/01/28 08:24
25	737	-bit with representation with value\$2 and vector\$2	US-PGPUB; USPAT	2005/01/28 08:48
26	285	-bit with representation with value\$2 and vector\$2 and coordinate\$2	US-PGPUB; USPAT	2005/01/28 08:24
27	3	(creat\$4 with -bit with representation with value\$2) and vector\$2 and coordinate\$2	US-PGPUB; USPAT	2005/01/28 08:25
28	204	-bit with representation with value\$2 and vector\$2 and coordinate\$2 and creat\$4	US-PGPUB; USPAT	2005/01/28 08:39
29	17	-bit with representation with value\$2 and vector\$2 and coordinate\$2 and creat\$4 and hash\$4	US-PGPUB; USPAT	2005/01/28 08:30
30	28	-bit with representation with value\$2 with vector\$2 and coordinate\$2	US-PGPUB; USPAT	2005/01/28 08:30
31	79	-bit with representation with value\$2 and vector\$2 and coordinate\$2 and creat\$4 and tree	US-PGPUB; USPAT	2005/01/28 08:44
32	1	"5263124".pn.	US-PGPUB; USPAT	2005/01/28 08:44
33	140	-bit adj representation with value\$2 and vector\$2	US-PGPUB; USPAT	2005/01/28 08:54
34	66	-bit adj representation with value\$2 and vector\$2 and creat\$4 and calculat\$4	US-PGPUB; USPAT	2005/01/28 09:06
35	25	-bit adj representation with value\$2 and vector\$2 and creat\$4 and calculat\$4 and coordinate\$2	US-PGPUB; USPAT	2006/07/03 08:49

	Hits	Search Text	DBs	Time Stamp
36	584	similarity and sketch\$2	US-PGPUB; USPAT	2005/01/28 09:16
37	420	similarity and sketch\$2 and object\$2	US-PGPUB; USPAT	2005/01/28 09:17
38	86	(S10 or S14) and (similarity and sketch\$2 and object\$2)	US-PGPUB; USPAT	2005/02/01 09:16
39	12672	707/1-3,5,10.ccls.	US-PGPUB; USPAT	2005/02/01 08:10
40	8231	707/100,102,104.1.ccls.	US-PGPUB; USPAT	2005/02/01 08:10
41	18236	S43 or S44	US-PGPUB; USPAT	2005/02/01 08:10
42	441	708/200,422-424.ccls.	US-PGPUB; USPAT	2005/02/01 08:10
43	2909	345/418,419,427.ccls.	US-PGPUB; USPAT	2005/02/01 08:10
44	4336	382/10,154,181,190,191,209,217- 220,276-278.ccls.	US-PGPUB; USPAT	2005/02/01 08:10
45	7500	S47 or S48 or S46	US-PGPUB; USPAT	2005/02/01 08:10
46	23	summation and (compress\$4 with object\$2 with group\$2)	US-PGPUB; USPAT	2005/02/01 09:17
47	7	(S45 or S49) and (summation and (compress\$4 with object\$2 with group\$2))	US-PGPUB; USPAT	2005/02/02 16:42
48	987	multipl\$4 with weight\$2 with vector\$2	US-PGPUB; USPAT	2005/02/01 11:27
49	12672	707/1-3,5,10.ccls.	US-PGPUB; USPAT	2005/02/01 11:27
50	8231	707/100,102,104.1.ccls.	US-PGPUB; USPAT	2005/02/01 11:27
51	18236	S53 or S54	US-PGPUB; USPAT	2005/02/01 11:27
52	441	708/200,422-424.ccls.	US-PGPUB; USPAT	2005/02/01 11:27
53	2909	345/418,419,427.ccls.	US-PGPUB; USPAT	2005/02/01 11:27
54	4336	382/10,154,181,190,191,209,217- 220,276-278.ccls.	US-PGPUB; USPAT	2005/02/01 11:27
55	7500	S57 or S58 or S56	US-PGPUB; USPAT	2005/02/01 11:27
56	50	(S55 or S59) and (multipl\$4 with weight\$2 with vector\$2)	US-PGPUB; USPAT	2005/02/01 11:28

	Hits	Search Text	DBs	Time Stamp
57	3	(S55 or S59) and (multipl\$4 with weight\$2 with vector\$2) and hash\$4	US-PGPUB; USPAT	2005/02/01 12:35
58	6495	(sum\$5 or add\$4) with (product or result\$4) with vector\$2	US-PGPUB; USPAT	2005/02/01 12:36
59	280	(S55 or S59) and ((sum\$5 or add\$4) with (product or result\$4) with vector\$2)	US-PGPUB; USPAT	2005/02/01 12:37
60	44	(S55 or S59) and (((sum\$5 or add\$4) with (product or result\$4) with vector\$2) and hash\$4)	US-PGPUB; USPAT	2006/07/03 08:53
61	9	(S55 or S59) and (((sum\$5 or add\$4) with (product) with vector\$2) and hash\$4)	US-PGPUB; USPAT	2005/02/01 14:47
62	959	pseudo with random with number with generator\$2 and seed\$4	US-PGPUB; USPAT	2005/02/01 14:48
63	233	(pseudo with random with number with generator\$2) and seed\$4 and vector\$2 and hash\$4	US-PGPUB; USPAT	2005/02/01 14:49
64	3	(S55 or S59) and ((pseudo with random with number with generator\$2) and seed\$4 and vector\$2 and hash\$4)	US-PGPUB; USPAT	2005/02/01 14:50
65	12672	707/1-3,5,10.ccls.	US-PGPUB; USPAT	2005/02/02 15:02
66	8231	707/100,102,104.1.ccls.	US-PGPUB; USPAT	2005/02/02 15:02
67	18236	S69 or S70	US-PGPUB; USPAT	2005/02/02 15:02
68	441	708/200,422-424.ccls.	US-PGPUB; USPAT	2005/02/02 15:02
69	2909	345/418,419,427.ccls.	US-PGPUB; USPAT	2005/02/02 15:02
70	4336	382/10,154,181,190,191,209,217-220,276-278.ccls.	US-PGPUB; USPAT	2005/02/02 15:02
71	7500	S73 or S74 or S72	US-PGPUB; USPAT	2005/02/02 15:02
72	105	(hash\$4 with function\$2) and ("bit-by-bit" or bitwise with compar\$6)	US-PGPUB; USPAT	2005/02/02 16:44

	Hits	Search Text	DBs	Time Stamp
73	5	(S71 or S75) and ((hash\$4 with function\$2) and ("bit-by-bit" or bitwise with compar\$6))	US-PGPUB; USPAT	2006/07/03 08:55
74	12715	707/1-3,5,10.ccls.	US-PGPUB; USPAT	2005/02/03 07:58
75	8268	707/100,102,104.1.ccls.	US-PGPUB; USPAT	2005/02/03 07:58
76	18315	S78 or S79	US-PGPUB; USPAT	2005/02/03 07:58
77	442	708/200,422-424.ccls.	US-PGPUB; USPAT	2005/02/03 07:58
78	2911	345/418,419,427.ccls.	US-PGPUB; USPAT	2005/02/03 07:58
79	4343	382/10,154,181,190,191,209,217-220,276-278.ccls.	US-PGPUB; USPAT	2005/02/03 07:58
80	7510	S82 or S83 or S81	US-PGPUB; USPAT	2005/02/03 07:58
81	12715	707/1-3,5,10.ccls.	US-PGPUB; USPAT	2005/02/04 07:56
82	8268	707/100,102,104.1.ccls.	US-PGPUB; USPAT	2005/02/04 07:56
83	18315	S85 or S86	US-PGPUB; USPAT	2005/07/07 16:03
84	442	708/200,422-424.ccls.	US-PGPUB; USPAT	2005/02/04 07:56
85	2911	345/418,419,427.ccls.	US-PGPUB; USPAT	2005/02/04 07:56
86	4343	382/10,154,181,190,191,209,217-220,276-278.ccls.	US-PGPUB; USPAT	2005/02/04 07:56
87	7510	S89 or S90 or S88	US-PGPUB; USPAT	2005/07/07 16:03
88	14043	707/1-3,5,10.ccls.	US-PGPUB; USPAT	2005/07/07 16:03
89	9345	707/100,102,104.1.ccls.	US-PGPUB; USPAT	2005/07/07 16:03
90	20547	S92 or S93	US-PGPUB; USPAT	2005/07/09 10:09
91	467	708/200,422-424.ccls.	US-PGPUB; USPAT	2005/07/07 16:03
92	3092	345/418,419,427.ccls.	US-PGPUB; USPAT	2005/07/07 16:03
93	4720	382/10,154,181,190,191,209,217-220,276-278.ccls.	US-PGPUB; USPAT	2005/07/07 16:03

	Hits	Search Text	DBs	Time Stamp
94	8076	S96 or S97 or S95	US-PGPUB; USPAT	2005/07/09 10:09
95	14043	707/1-3,5,10.ccls.	US-PGPUB; USPAT	2005/07/09 10:09
96	9345	707/100,102,104.1.ccls.	US-PGPUB; USPAT	2005/07/09 10:09
97	20547	S99 or S100	US-PGPUB; USPAT	2005/07/14 14:08
98	467	708/200,422-424.ccls.	US-PGPUB; USPAT	2005/07/09 10:09
99	3092	345/418,419,427.ccls.	US-PGPUB; USPAT	2005/07/09 10:09
100	4720	382/10,154,181,190,191,209,217- 220,276-278.ccls.	US-PGPUB; USPAT	2005/07/09 10:09
101	8076	S103 or S104 or S102	US-PGPUB; USPAT	2005/07/14 14:08
102	11	sum\$4 with hash\$4 with vector\$2	US-PGPUB; USPAT	2005/07/09 10:20
103	14109	707/1-3,5,10.ccls.	US-PGPUB; USPAT	2005/07/14 14:08
104	9396	707/100,102,104.1.ccls.	US-PGPUB; USPAT	2005/07/14 14:08
105	20653	S107 or S108	US-PGPUB; USPAT	2005/07/15 07:51
106	468	708/200,422-424.ccls.	US-PGPUB; USPAT	2005/07/14 14:08
107	3099	345/418,419,427.ccls.	US-PGPUB; USPAT	2005/07/14 14:08
108	4731	382/10,154,181,190,191,209,217- 220,276-278.ccls.	US-PGPUB; USPAT	2005/07/14 14:08
109	8093	S111 or S112 or S110	US-PGPUB; USPAT	2005/07/15 07:51
110	14109	707/1-3,5,10.ccls.	US-PGPUB; USPAT	2005/07/15 07:51
111	9396	707/100,102,104.1.ccls.	US-PGPUB; USPAT	2005/07/15 07:51
112	20653	S114 or S115	US-PGPUB; USPAT	2005/07/18 08:15
113	468	708/200,422-424.ccls.	US-PGPUB; USPAT	2005/07/15 07:51
114	3099	345/418,419,427.ccls.	US-PGPUB; USPAT	2005/07/15 07:51
115	4731	382/10,154,181,190,191,209,217- 220,276-278.ccls.	US-PGPUB; USPAT	2005/07/15 07:51

	Hits	Search Text	DBs	Time Stamp
116	8093	S118 or S119 or S117	US-PGPUB; USPAT	2005/07/18 08:15
117	14109	707/1-3,5,10.ccls.	US-PGPUB; USPAT	2005/07/18 08:15
118	9396	707/100,102,104.1.ccls.	US-PGPUB; USPAT	2005/07/18 08:15
119	20653	S121 or S122	US-PGPUB; USPAT	2005/07/19 08:03
120	468	708/200,422-424.ccls.	US-PGPUB; USPAT	2005/07/18 08:15
121	3099	345/418,419,427.ccls.	US-PGPUB; USPAT	2005/07/18 08:15
122	4731	382/10,154,181,190,191,209,217- 220,276-278.ccls.	US-PGPUB; USPAT	2005/07/18 08:15
123	8093	S125 or S126 or S124	US-PGPUB; USPAT	2005/07/19 08:04
124	14128	707/1-3,5,10.ccls.	US-PGPUB; USPAT	2005/07/19 08:04
125	9414	707/100,102,104.1.ccls.	US-PGPUB; USPAT	2005/07/19 08:04
126	20684	S128 or S129	US-PGPUB; USPAT	2005/07/20 10:24
127	468	708/200,422-424.ccls.	US-PGPUB; USPAT	2005/07/19 08:04
128	3103	345/418,419,427.ccls.	US-PGPUB; USPAT	2005/07/19 08:04
129	4736	382/10,154,181,190,191,209,217- 220,276-278.ccls.	US-PGPUB; USPAT	2005/07/19 08:04
130	8102	S132 or S133 or S131	US-PGPUB; USPAT	2005/07/20 10:24
131	14128	707/1-3,5,10.ccls.	US-PGPUB; USPAT	2005/07/20 10:24
132	9414	707/100,102,104.1.ccls.	US-PGPUB; USPAT	2005/07/20 10:24
133	20684	S135 or S136	US-PGPUB; USPAT	2006/05/02 14:01
134	468	708/200,422-424.ccls.	US-PGPUB; USPAT	2005/07/20 10:24
135	3103	345/418,419,427.ccls.	US-PGPUB; USPAT	2005/07/20 10:24
136	4736	382/10,154,181,190,191,209,217- 220,276-278.ccls.	US-PGPUB; USPAT	2005/07/20 10:24
137	8102	S139 or S140 or S138	US-PGPUB; USPAT	2006/05/02 14:01

	Hits	Search Text	DBs	Time Stamp
138	17051	707/1-3,5,10.ccls.	US-PGPUB; USPAT	2006/05/02 14:01
139	11517	707/100,102,104.1.ccls.	US-PGPUB; USPAT	2006/05/02 14:01
140	25198	S142 or S143	US-PGPUB; USPAT	2006/07/03 08:33
141	525	708/200,422-424.ccls.	US-PGPUB; USPAT	2006/05/02 14:01
142	3530	345/418,419,427.ccls.	US-PGPUB; USPAT	2006/05/02 14:01
143	5463	382/10,154,181,190,191,209,217- 220,276-278.ccls.	US-PGPUB; USPAT	2006/05/02 14:01
144	9270	S146 or S147 or S145	US-PGPUB; USPAT	2006/07/03 08:33
145	17744	707/1-3,5,10.ccls.	US-PGPUB; USPAT	2006/07/03 08:33
146	12065	707/100,102,104.1.ccls.	US-PGPUB; USPAT	2006/07/03 08:33
147	26331	S149 or S150	US-PGPUB; USPAT	2006/07/03 08:33
148	550	708/200,422-424.ccls.	US-PGPUB; USPAT	2006/07/03 08:33
149	3627	345/418,419,427.ccls.	US-PGPUB; USPAT	2006/07/03 08:33
150	5677	382/10,154,181,190,191,209,217- 220,276-278.ccls.	US-PGPUB; USPAT	2006/07/03 08:33
151	9594	S153 or S154 or S152	US-PGPUB; USPAT	2006/07/03 08:33
152	17744	707/1-3,5,10.ccls.	US-PGPUB; USPAT	2006/07/03 08:43
153	12065	707/100,102,104.1.ccls.	US-PGPUB; USPAT	2006/07/03 08:43
154	26331	S156 or S157	US-PGPUB; USPAT	2006/07/03 08:43
155	550	708/200,422-424.ccls.	US-PGPUB; USPAT	2006/07/03 08:43
156	3627	345/418,419,427.ccls.	US-PGPUB; USPAT	2006/07/03 08:43
157	5677	382/10,154,181,190,191,209,217- 220,276-278.ccls.	US-PGPUB; USPAT	2006/07/03 08:43
158	9594	S160 or S161 or S159	US-PGPUB; USPAT	2006/07/03 08:43



	Hits	Search Text	DBs	Time Stamp
159	30	(S158 or S162) and (identify\$4 and (set with features with object\$2) and vector\$2 and generat\$4 and hash\$4)	US-PGPUB; USPAT	2006/07/03 08:44
160	21	sum\$5 with hash\$4 with vector\$2	US-PGPUB; USPAT	2006/07/03 08:47
161	46	-bit adj representation with value\$2 and vector\$2 and creat\$4 and calculat\$4 and coordinate\$2	US-PGPUB; USPAT	2006/07/03 08:50
162	17744	707/1-3,5,10.ccls.	US-PGPUB; USPAT	2006/07/03 08:53
163	12065	707/100,102,104.1.ccls.	US-PGPUB; USPAT	2006/07/03 08:53
164	26331	S166 or S167	US-PGPUB; USPAT	2006/07/03 08:53
165	550	708/200,422-424.ccls.	US-PGPUB; USPAT	2006/07/03 08:53
166	3627	345/418,419,427.ccls.	US-PGPUB; USPAT	2006/07/03 08:53
167	5677	382/10,154,181,190,191,209,217-220,276-278.ccls.	US-PGPUB; USPAT	2006/07/03 08:53
168	9594	S170 or S171 or S169	US-PGPUB; USPAT	2006/07/03 08:53
169	54	(S168 or S172) and (((sum\$5 or add\$4) with (product or result\$4) with vector\$2) and hash\$4)	US-PGPUB; USPAT	2006/07/03 08:53
170	17744	707/1-3,5,10.ccls.	US-PGPUB; USPAT	2006/07/03 08:55
171	12065	707/100,102,104.1.ccls.	US-PGPUB; USPAT	2006/07/03 08:55
172	26331	S174 or S175	US-PGPUB; USPAT	2006/07/03 08:55
173	550	708/200,422-424.ccls.	US-PGPUB; USPAT	2006/07/03 08:55
174	3627	345/418,419,427.ccls.	US-PGPUB; USPAT	2006/07/03 08:55
175	5677	382/10,154,181,190,191,209,217-220,276-278.ccls.	US-PGPUB; USPAT	2006/07/03 08:55
176	9594	S178 or S179 or S177	US-PGPUB; USPAT	2006/07/03 08:55

	Hits	Search Text	DBs	Time Stamp
177	9	(S176 or S180) and ((hash\$4 with function\$2) and ("bit-by- bit" or bitwise with compar\$6))	US-PGPUB; USPAT	2006/07/03 08:55